

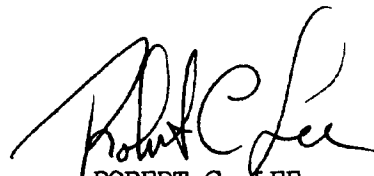
Engineer Manual
No. 1110-2-3600

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Engineering and Design
MANAGEMENT OF WATER CONTROL
SYSTEMS

1. Purpose. This manual provides guidance to field offices for the management of water control projects or systems authorized by Congress and constructed and operated by the Corps of Engineers. It also applies to certain water control projects constructed by other agencies or entities.
2. Applicability. This manual applies to all HQUSACE/OCE and field operating activities (FOA) having water control management responsibility for civil works projects.
3. Discussion. Management of projects or systems for water control requires special techniques to analyze and regulate water conditions to meet water management objectives. This manual covers project management related to the hydraulic and hydrologic aspects of completed projects which are more specifically known as water control management activities. These activities include: data collection and handling; determination of project inflow; scheduling of releases; coordination of water management decisions; and determination of releases. Regulation of water resource projects to meet water control objectives involves the operation of physical project features. In this regard, physical operation of structures is addressed only in terms of achieving the water control objectives. Non-hydraulic/hydrologic aspects of project operation and management are not addressed herein. The intent of this manual is to compile a comprehensive compendium of elements related to the management of water control systems including discussions of data collection and processing, water control analysis techniques, real-time management and systems analysis, and water quality, environmental and associated aspects of water management.

FOR THE COMMANDER:

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